



Image

AF  
1646

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
	)	Group Art Unit: 1646
Shyam Ramakrishnan	)	
	)	Examiner: O. Chernyshev
Serial No. 09/805,467	)	
	)	
Filing Date: March 14, 2001	)	Docket No. 04974.00453

For: REGULATION OF HUMAN LIPOXIN A<sub>4</sub> RECEPTOR-LIKE PROTEIN

**RESPONSE TO FINAL OFFICE ACTION**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is filed in response to the Final Office Action mailed November 26, 2003. We believe no fee is due to make this response timely filed. If a fee is due, please charge our Deposit Account No. 19-0733.

This paper is accompanied by five Attachments:

- alignment of serotonin receptors (Attachment 1);
- alignment of GABA receptors (Attachments 2 and 3);
- survey of minimum similarities of known human GPCRs for the same ligand (Attachment 4); and
- Frederiksson *et al.*, "The G-Protein-Coupled Receptors in the Human Genome Form Five Main Families. Phylogenetic Analysis, Paralogon Groups, and Fingerprints," *Mol. Pharmacol.* 63, 1256-72, 2003 (Attachment 5).